

REMARKS

The above-identified application is United States application serial number 09/415,295 filed on October 8, 1999. Claims 1-44 and 86-93 are pending in the application. Claims 90-93 are rejected under 35 USC §102(e) as being anticipated by Hitchings Jr. (hereafter Hitchings), U.S. Patent No. 6,594,484. Claims 1, 2, 4, 5, 8-18, 21, 23-41, 43, 44, and 86-89 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hitchings in view of Logan et al. (hereafter Logan), US Pat. No. 5,732,216. Claims 24-41, 43-44, and 94-98 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hitchings and Logan and further in view of Garceran et al. (hereafter Garceran), U.S. Pat. No. 6,552,888.

Claim Rejections - 35 USC § 102

Claims 90-93 have been canceled, obviating the rejection of these claims under 35 USC § 102.

Claim Rejections - 35 USC § 103

Independent Claim 1 recites "a car radio; and a short-range radio, wherein the audio converter outputs the audio signal to the short-range radio, the short-range radio being operable to broadcast the audio signal to a channel on the car radio." Neither Hitchings or Logan, alone or in combination, disclose these features.

Logan is cited as disclosing a short range radio that broadcasts the audio signal to a channel on a car audio using a "player" computer may be linked to the Internet via a local communications server computer via a radio or infrared link when the car is parked at the subscriber's home or office. (Logan Fig. 1, col. 6 line 27 to col. 7 line 2 and col. 39 lines 6-to col. 40 line 30). With respect, Applicant disagrees. Logan discloses a player computer in an automobile linked to the Internet via a local server via a radio or infrared link; not a short-range radio. A radio link covers from 3 Hz to 300 GHz of the electromagnetic spectrum, whereas an infrared link covers from 300GHz to 400 THz of the electromagnetic spectrum. A radio (or radio frequency) link is not equivalent to a car radio. Further, Logan does not teach or suggest outputting the audio signal to a short-range radio, or broadcasting the audio signal

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to a channel on the car radio. Logan only discloses a portable computer or simplified player for mobile use; Logan does not teach or suggest broadcasting the audio signal to a channel on the car radio. Accordingly, it would not have been obvious to one of the ordinary skill in the art at the time the invention was made to utilize Logan's an audio converter and a short-range radio into the computer system of Hitchings to provide playback audio capabilities because Logan does not teach or suggest a short-range radio or using a short-range radio to output signals to a car radio. Claim 1 is therefore believed to be allowable over Hitchings and Logan, alone and in combination, for at least these reasons.

Claims 2, 4-5, 8-18, 21, and 23 depend from Claim 1 and include features that further distinguish them from the prior art. In particular, Claim 23 sets forth "a position-keeping system for providing the geographic location of the browser device to the network server via the wireless communication network, wherein the responsive information is based on the geographic location of the browser device." On page 8 of the Office Action, the Examiner cites portions of the Hitchings reference as disclosing these features. Applicant has reviewed the cited portions of the Hitchings reference and respectfully asserts that the portions do not pertain to a position-keeping system that provides the location of the browser device, or responsive information that is based on the geographic location of the browser device. Hitchings teaches a script location menu screen that includes one or more locations for scripts, i.e., "Local", "Remote", or "New". (Hitchings, col. 14, lines 25-31). The scripts represent requests for information; the scripts are not equivalent to the browser device. Accordingly, Hitchings does not provide the geographic location of the browser device to the network server, nor is the responsive information in Hitchings based on the geographic location of the browser device. Claim 23 is therefore believed to be allowable over the Hitchings reference for at least these reasons.

Allowance of Claims 1, 2, 4-5, 8-18, 21, and 23 is respectfully requested for at least the foregoing reasons.

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Claim 24 recites

"a car radio;

an audio output device operable to receive the responsive information from the data processor, the audio output device being further operable to output the responsive information to the user in audio format, wherein the audio output device includes a short-range wireless radio, the audio converter being operable to output the audio signal to the short-range wireless radio, the short-range wireless radio being operable to broadcast the audio signal to a channel on the car radio;

a position-keeping system operable to determine the geographic location of the portable browser system; and

a location processor operable to issue an alert when the portable browser system is approaching an area where there is an incidence of wireless data communication loss greater than a pre-selected threshold."

Claim 86 recites "a car radio; and a mobile audio device operable to receive the data from the communication interface, the mobile audio device being further operable to convert the data to an audio signal for output to the car radio."

Claim 94 recites "a car radio; and a transmitter operable to broadcast data based on the responsive information received from the information network for output on a channel of the a car radio."

Logan is again cited as teaching these features, but as explained hereinabove with regard to Claim 1, Logan does not teach or suggest broadcasting the audio signal to a channel on the car radio. Accordingly, it would not have been obvious to one of the ordinary skill in the art at the time the invention was made to utilize Logan's an audio converter and a short-range radio into the computer system of Hitchings or Garceran to provide playback audio capabilities because Logan does not teach or suggest a short-range radio or using a short-range radio to output signals to a car radio. Claims 24, 86, and 94 are therefore believed to be allowable over Hitchings, Logan, and Garceran, alone and in combination, for at least these reasons.

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Claims 25-30, 32-42, and 43-44 depend from Claim 24, Claims 87-89 depend from Claim 86, and Claims 95-98 depend from Claim 94, and include features that further

distinguish them from the prior art. Allowance of Claims 24-30, 32-42, 43-44, 86-89, 94-98 is respectfully requested.

CONCLUSION

Applicant believes Claims 1, 2, 4-5, 8-18, 21, 23, 24-30, 32-42, 43-44, and 86-89 are in form for allowance and a notice to that effect is solicited. The Examiner is invited to telephone the undersigned at (949) 251-0250 if there are any issues raised by this response that may be resolved by telephone.

I hereby certify that this correspondence is being facsimile transmitted to the USPTO, Technology Center 2600, After Final at (703) 872-9306 on the date shown below:

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